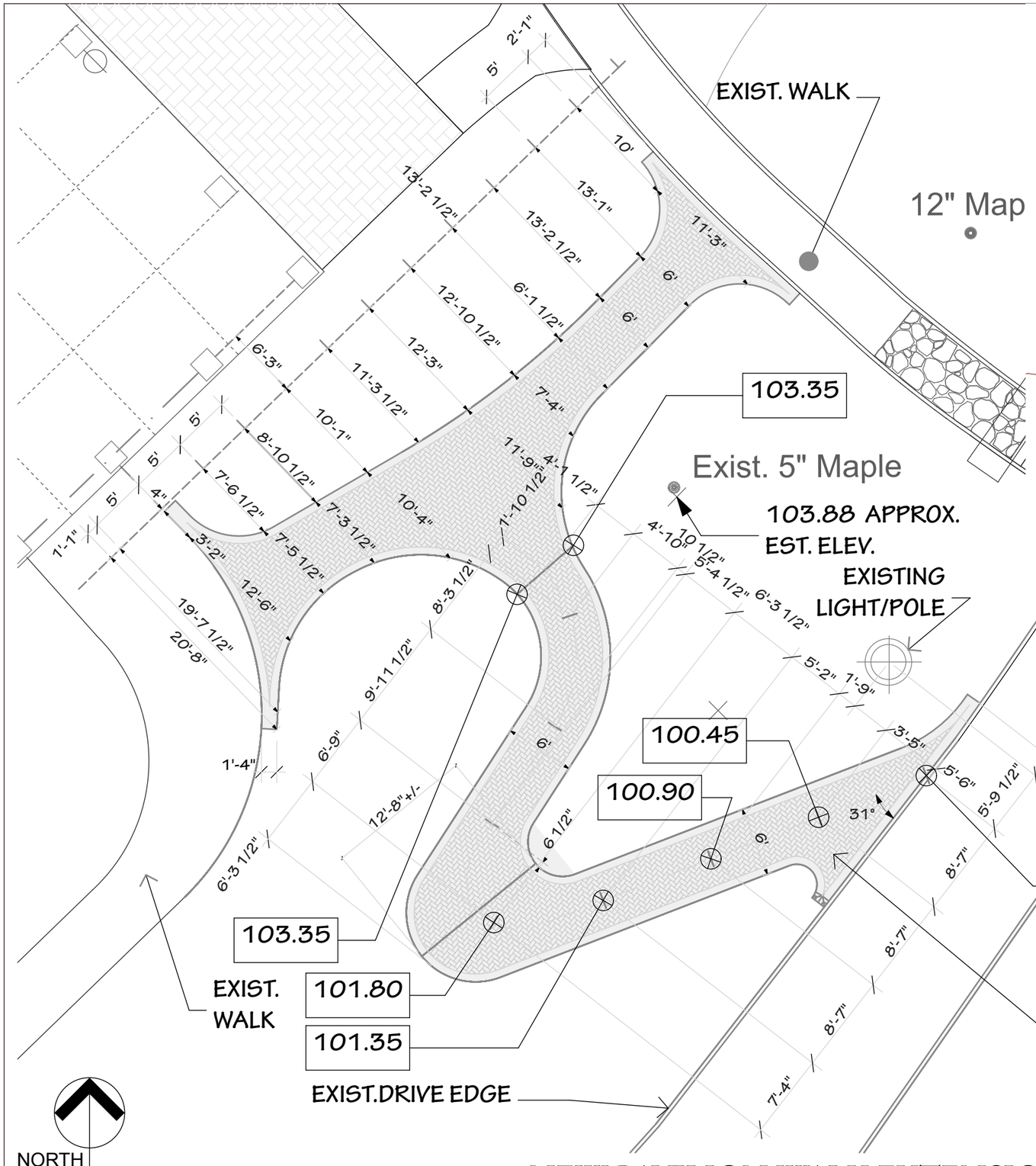

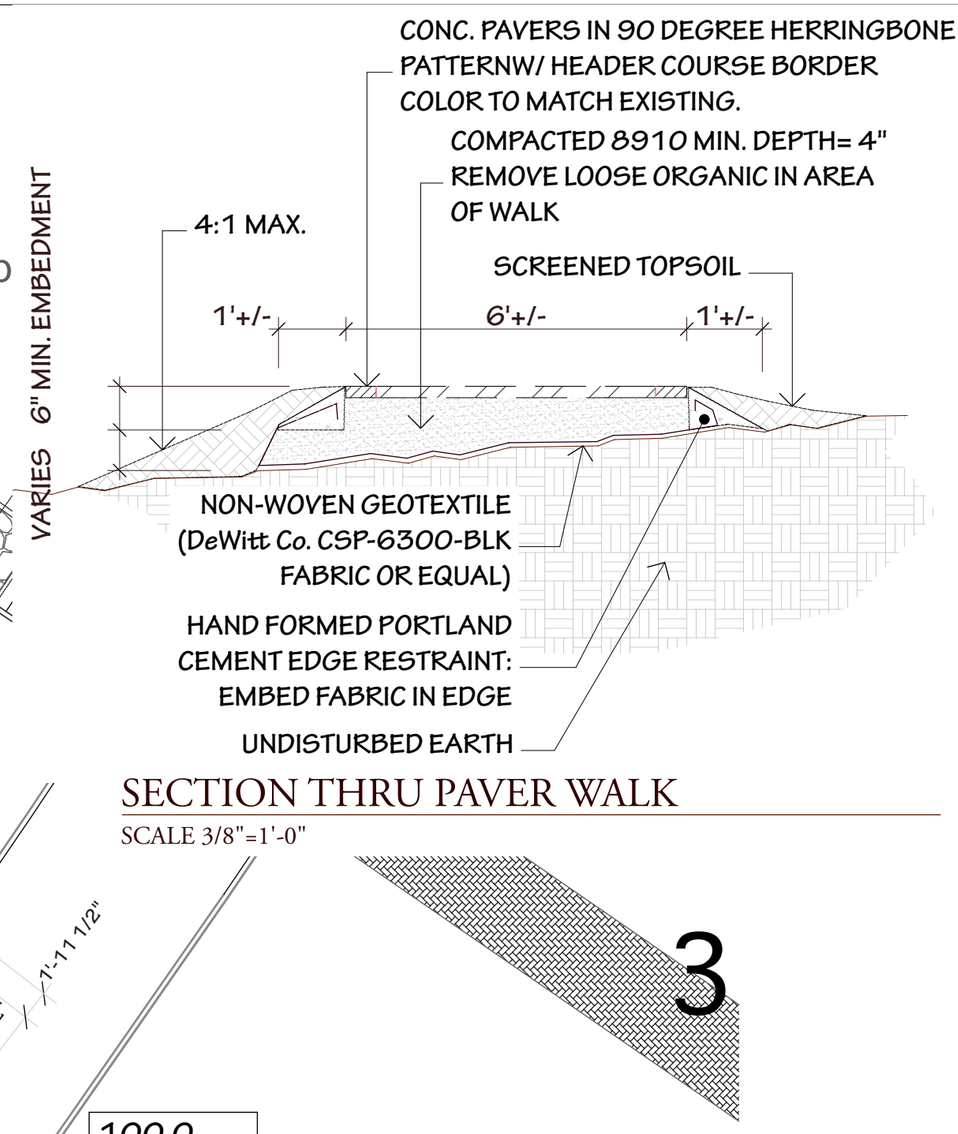

SECTION THRU PAVER WALK

SCALE 3/8"=1'-0"

3

NEW PAVILION WALK EXTENSION 1" = 10'

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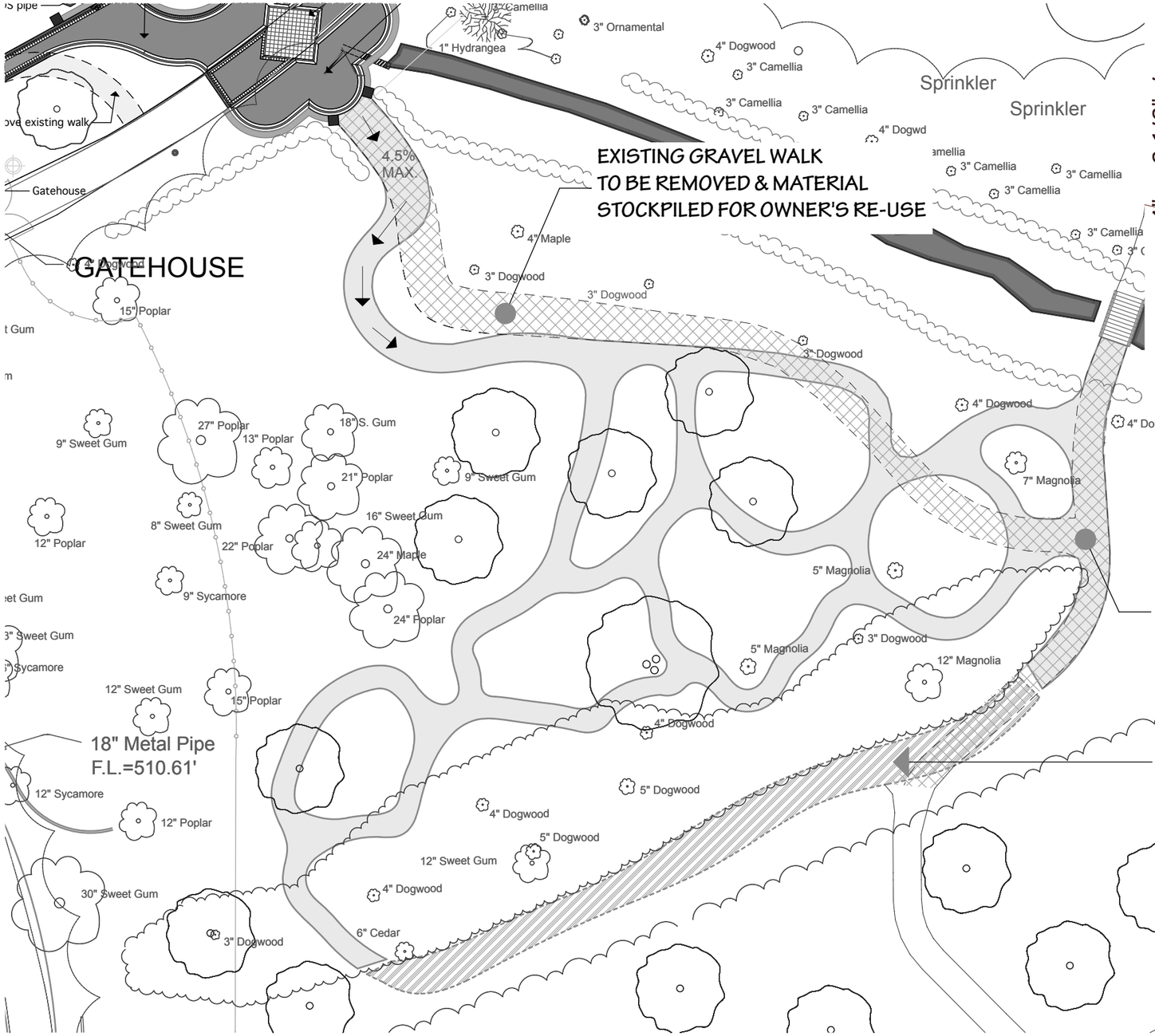

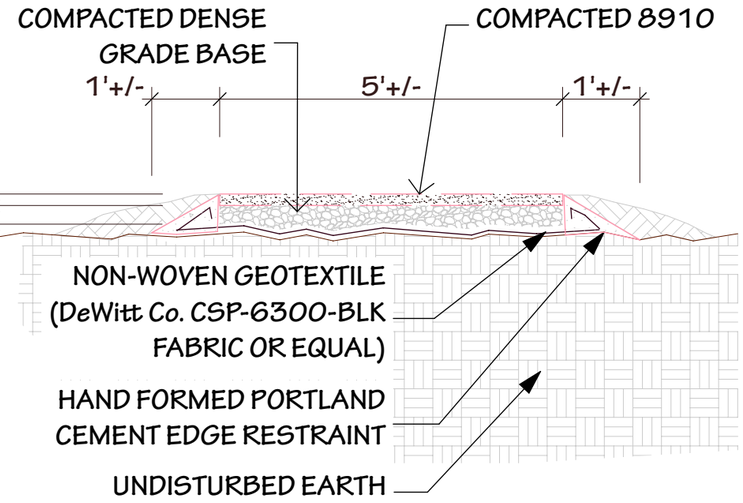

PATH DETAIL NTS

NORTH

HYDRANGEA GARDEN GRAVEL PATH 1" = 30'

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PAVILION WALK EXTENSION

Work shall consist of furnishing and installing all materials and equipment necessary to construct an **interlocking concrete paver walk**, at the locations and to the dimensions, lines, grades, and cross section indicated on the Plans. Interlocking pavers shall be **4"x8" units, color matching existing pavers on site**, shall meet requirements of the **Interlocking Concrete Pavement Institute (ICPI)**. Submit paver samples for approval by Landscape Architect

Walk shall include but not be limited to all needed excavation (limited), paver base & base preparation; placing aggregate sub-grade, installing interlocking pavers; installation of edge restraint; compaction of pavers; installing screened topsoil backfill; final clean up & completing all incidentals thereto; as indicated on the Plans.

Contractor is responsible for protecting and repairing any existing utility and plantings from damage caused by or occurring during their operations. All staging areas shall be determined by Landscape Architect, with Contractor. Keep all existing walks clean and free of debris during construction activities. Walk closures shall be limited to that needed to conctruct the walk and shall coordinated with Aldridge Gardens' staff to ensure public access. Site access shall be coordinated with Landscape Architect, and shall be restricted to ensure safety of public.

Excavation depth shall be the thickness of the new paver sidewalk plus aggregate footing where new walk adjoins existing walks and drive to achieve desired grade on new walk and ensure drainage. Disturbed areas outside the construction limits shall be repaired at the Contractor's expense to pre-construction conditions. Limit excavation depth and length to that needed to ensure a smooth, constant grade transition, and excavation width to that indicated on plan (walk plus edge restraint). If roots are encountered, cleanly cut with a saw at the edge or bottom of the excavation & remove. Construction which disturbs the roots beyond this zone, is not permitted.

In remaining areas, rake proposed walkway area (walk plus edge restraint and topsoil backfill) to remove **ONLY** loose organic matter. Dispose of removed organic matter in area to be identified at pre-construction (within immediate project site area).

If work requires removal of any portion of existing driveway or walks, Owner shall be fully informed before the work begins. Otherwise, repairs to same will be completed at the Contractor's expense.

After excavation in required areas and removal of loose organic matter, install **DeWitt CSP-6300-BLK geo textile, or equal**, in areas to receive walk and edge restraint. Use soil staples to fix geo-textile to existing soil.

Following installation of geo-textile, spread, in maximum of 4" lifts, ALDOT # 8910 aggregate (base) in areas to receive walk and edge restraint. Moisten and compact lifts to ensure stable base. Level aggregate base to required, indicated grades (less thickness of pavers).

Once sub-grades are established, obtain approval of Landscape Architect prior to placing pavers. Following approval, place pavers in 45º herringbone pattern (for walk field), extending to or beyond the outside edge of finished walk in all areas. Ensure straight coursing by establishing string-line guides every three courses.

Following installation of field, mark and cut with concrete saw inside of header course border. Install 4'x8" header course, ensuring even spacing by cutting pavers to ensure even curve. At corners, miter all pavers.

Following installation of header course, install Portland cement edge restraint (edge restraint shall be a continuous Portland cement slug, troweled in place) as indicated on plans, ensuring excess geo-textile is folded and embedded in the edge restraint. **After edge restraint has cured**, spread clean, dry builder's sand over entire walk and compact pavers with using a vibratory plate compactor to ensure bedding into base and distribution of sand into joints to achieve interlock.

After compaction, install polymeric sand (charcoal) according to manufacturer's directions, in all areas where new paver walk **abuts** existing asphalt walks and drive.

Following installation of polymeric sand, place ***screened*** topsoil over cured edge restraint and lightly compact. Final grade shall be flush with the top of new paver sidewalk, and sloping away at ***maximum*** 4:1 grade. Mulch with clean pine straw to depth of 6" to prevent erosion. In all areas, regrade to match existing beds.

HYDRANGEA GARDEN GRAVEL PATH

Gravel path shall be 5" depth, ALDOT Crusher run base, compacted in 3"+/- lifts, topped with 1" ALDOT #8910 crushed limestone, compacted for a total path depth of 6" following compaction. Provide sample of both Crusher Run and #8910 for approval by Landscape Architect prior to ordering or delivery.

Gravel path shall be installed on **DeWitt CSP-6300-BLK non woven geo textile, or equal**.

Geotextile shall turned up at path edge and be embedded in Portland cement edge restraint to a minimum depth of 3" (see detail).

Edge restraint shall be a continuous Portland cement slug, troweled in place following compaction.

Remove existing path with mechanical means. Stockpile excavated aggregate in location to be determined by Landscape Architect for re-use.

All layout will be conducted by Landscape Architect with Contractor in the field.. Layout will be by hand.

Where new path abuts existing entrance plaza, excavate existing path to depth of new path. Remove all loose organic matter with rake, blower or other non-invasive mechanical means.

Lay geotextile over area to receive gravel path, leaving 8"+/- on each side of path for embedding in Portland edge restraint. Overlap between geotextile sections 1', keeping uphill section over top of adjacent section.

Working from path bed itself, place aggregate in specified lifts, compacting each lift with plate compacter

Following placement of #8910, gently dampen surface, compact & place final topping of crushed pea gravel. Compact again following placement of pea gravel.

Fold excess geotextile and embed in Portland edge restraint in such a manner that geotextile is completely covered and encased by Portland cement, with no geotextile visible to form monolithic edge restraint.

Backfill with screened topsoil over top of Portland edge restraint to top of gravel path to provide visually seamless unity of path and planting areas. Slope on placed topsoil shall not exceed 4:1.

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